

Alden Miller

Note Book
Summer '23

Owens Valley, Mammoth
June 30.
Mono Lake



Sat. June 30

Left L. R. 11/35 o'clock
passed thru Mint
Cañon, Mojave to Red
Rock Cañon 135 mi. Made
camp in the cañon.

The desert was rather
dry and fairly warm
with a strong northerly ^{west}
wind.

Saw a Le Conte
Thrasher fly across
the road near Mojave.
The Red Rock Cañon
was very interesting
and beautiful. The
formation is chiefly
sandstone, gray, red,
red purple. Much eroded.
The Cañon appears to be

June 30

July 1

a good place for Falcon and Owls as there is good surrounding desert country. There is some alkali seepage in the cañon and the road is not too sandy.

Red-tail Hawk seen in the cañon. This whole country is desert: the cañon having typical desert plants. See Yucca creosote etc.

Sunday July 1st

Saw a few birds in the morning but it was rather quiet in the night. Moon made a wonderful effect.

July 1

Raven family

at night on the cliffs.
Ash. throated Flycatcher
White throated swift
Rock wren seen.

The cliffs are inhabited
by many rats. Had
a kangaroo rat in camp
all ~~trip~~ night. Broke
camp at 8.00 climbing
out of Red Rock cañon
onto ~~the~~ desert plateau
which is at the base of
Aveus valley proper.
Crossed the aqueduct
several times as it went
up the cañon. The weather
is much cooler with some
breeze as yesterday. Near
freeman at the base

July 1

of Walker Pass we found a freshly killed female badger in the road, and stopped to skin it. Entered the cañon which is rather narrow and desert like with lava outcrop in the valley and to the east. The aqueduct was visible most of the way either on the side of the hills or in the settling basin in the valley. The trees constantly come lower on the mts. etc. at Arlanche 11.45 Elc. 3649 weather warm no wind. Heard a Robin singing

July 1

at Orlando. Travelled
as far as Bishop camped
in an out of the way
camp 2 mi S. of Bishop.

The mountains near
Lone pine and up, are
wonderful snowcapped
and jagged. Saw Whitney.
Arens lake was very
dry and bad smelling.

From Lone Pine up the
country is less desert
and more mountain
water. There is a great
deal of fine water. Elev. 4100
at camp. There are a
few pines along the
sides but not in the
valley proper.

July 1

The trees in the valley above Lone Pine were principally willow and ash. Planted trees poplar and locust.

The valley broadens at Bishop and there is another lava outcrop. The road is fair a small part being one way paved. The bird life is rather meagre.

Birds seen between Lone Pine and Bishop.

Vigor's Wren, Lazuli Bunting
Meadowlark, W Robin ^{nesting}
Ring Pheasant, Road Runner
Pac. Nighthawk?, Wood Pewee
Kingbird, Eng Sparrow,

July 1

July 2

ark.

Lark Sparrow, Linnet, Goldfinch,
Cuckoo, Cal. Quail, New? Owlbird
Chipping Sparrow, Yellow Warbler
Dove, Sparrowhawk, This
Owlbird has a distinctive
note much higher pitch and
~~clearer~~ with a new note
besides. We positively
identified the cuckoo saw
and heard. It gave the
clacking note. The cuckoo
was in the locusts all the
time. Trail Flycatcher, Brew. ~~244~~
Red Wing, ~~244~~, Bull. Oriole.
Ind Left Bishop in the
morning and travelled
thro Owens Valley until
we reached the point
where the river cuts

5

July 2

thru the hills. The road climbs up to about 6000 among yellow and piñon pine. Continued to climb passing thru meadows and sage brush at 7000 found Savannah sparrow nest in meadows. Saw white cr. Brewer and scared up Wilson snipe. Found a nest built out of the water which looked very much like rail.

Heard some species of small rail call. Continued to Mammoth at 7900. There appears to be no transition zone as above

July 2

mammoth boreal is reached. Made camp in the mammoth basin above mammoth at 9000 ft. Many little lakes and much snow, peaks nearby 11000 ft country timbered with tamarack, fir, hemlock. There are not many meadows. The season seems late few flowers and grass.

Found white or nests.

Many Cassin Purple finch singing no nests found.
Audubon warbler (singing)
Clark Crow, Chickadee,
Sl. B. Nuthatch, Red br. Nuthatch
Wood Pewee, Empidonax ^(uncertain) ?

July 2

July 3

Spotted Sandpiper, ~~at~~ M.Hairy Woodpecker, W. Sapsucker,
White head Woodpecker seen.July 3. Went up mammoth
ridge to hunt leucosticte.

Many snowbanks and
ideal rockslides but
saw only five leucosticte
evidently did not find
colony. Hunted as high
as 10500 ft. Saw Sittars
both Kinglets, Pil Warbler
and found what apparently
is a empidonax nest
building. Saw over into
pass and granite country.
The whole country is well
timbered and there are
many lakes with snow

July 3 July 4

covering a large part of the ground. There is an volcanic formation at the top of the Crest. saw Mountain bluebird at the crest and at the lakes.

July 4. Went around Lake margin in the morning. Found the first Purple Finch nest Building it is evident that very few of the birds are nesting yet. Found set of three juncos fresh and a nest of three young. Found a second possible P. Finch building. Found a solitaire nest on a cliff near the inlet

July 4

nest about ~~12~~ 2 ft up. Could not at the time investigate but no bird was sitting.

Saw a solitaire nearby yesterday. Found another white crowned nest in hemlock (small) and took it.

Found 2 pair of spotted sandpipers at the second East inlet and dad shot both females. One had egg about ready to lay but with a thin shell and few dots. The other bird was not as far advanced but was seen strutting as a male bird.

Found a peliolated warbler nest (see data).

July 4

July 5

Spent afternoon blowing. It is possible that the majority of the "Red" Warblers, Kinglets have not nested yet. ^{Found} ^{the} ^{nest} ^{see date}

July 5

Went to Devils post pile.

Passed thru Mammoth Pass 9500 ft. Timber lodgepole

and fir with hemlock and monticola down the slope to Red's meadows and San Joaquin R. 7500 ft.

The devil's post pile very interesting and beautiful.

The post are basalt lava sided and perhaps 30 ft high. There are many beside those standing erect that are curved

July 5

and fallen down. Saw
a pair of young Red-tails
on the ground being fed that
could not yet fly. The
nest could not be seen.

Several pairs of Lincoln
sparrows ~~was~~ with young
in Red's meadow males
singing. On the Fir timber
slope below the pass were
many kinglets both species
singing. Found R. Cr. Kinglet
building in fir 10 ft up in
dead top (pensile nest).

Saw first live side Flycatcher
and Thrill. Warbling Vireo
more common at this
lower altitude than at
camp.

July 6

The weather turned windy cold and cloudy so we went down and camped ~~near~~ at Mammoth. Wind blew all day but the camp in the aspens gave some shelter. Season farther advanced Fox Sparrow Green-tail Towhee have young. Lincoln sparrow and yellow Warbler present with fewer Purple finch and Knight.

Brewer Blackbird and Barn Swallow present. Collected June before leaving lake Mary camp and found purple finch still there. Also saw solitaire but did not investigate nest

117

July 6 - 7

as no bird was sailing.
Took 5 Hermit Thrush 3
and Flycatcher 4 with
bird for identification
(see data) There is open
country with Nevada
Sage near new camp
where the Green tails, Fox
Sparrows and Brewer sparrow
are resident. Found at
L. Mary's inlet a C. sparrow
nest on the ground like
a Junco 4 incub eggs.

Green back goldfinch, here
singing at Mammoth
elev 7900 ft

July 7.

Wind subsided in the
morning. Went out

July 7

over the sage flat.
Saw Savannah Sparrow
with young and killed
in a small meadow.
Young M. Bluebird shot
Lard Brewer blackbird young
seen. Also some sort of
red-wing present.

In the brush were
Brewers (4 nests found)
Sparrows. Vespe Sparrows
present and singing
it appeared as tho
they were not nesting
or else flushing from
ground nests at a great
distance. Found one
nest of young on ground
nest large spread over

July 7

ground with only a small hollow at the base of the bush. The sticks were simply reathed around on the level ground. This is probably a typical nest. It is probable that most of the birds are not yet nesting or if they are flush either very close (2 in) as this bird did or else at too great a distance to spot the situation. Found several Green tails nests mostly young (one incubated by 2 taken).

July 7

The green-tails flush by running along the ground looking like chipmunks. Sage Thrashers seen evidently mating as they were singing and flying wildly together continually. Saw a Linnet. Man at store reports Sage Grouse down towards river says they were formerly most common at Mammoth. Afternoon went up valley towards Mill Creek camp. Found a kinglet nest with eggs and young in a fir limb 20ft up by watching male bird.

July 7

noted that he always
sang in the same
clump of trees and began
giving scolding note
when I sat under the
nest tree a slight search
discovered the nest. Female
pushed on touching limb.

At least 8 eggs and young.

Nest almost a ball beneath
covered over on top with
loose feathers. Nest a light
gray color rather invisible.

Found Calliope hummer
nest in typical situation
under a flammarack limb
15 ft up. Eggs too much
incubated to take.

Discovered Junco building

July 7 July 8

Found Robin with 3 fresh
eggs will take tomorrow

Saw Sierra Sapsucker
Sparrow Hawk, Marsh Hawk
Aim-side Flycatcher, Poorwill

July 8 Went after vesper
sparrows but without

luck. Believe that the
birds sit very tight if
nesting. It is possible
that many are not
nesting.

Trapped a
white-tailed Jackrabbit.

Collected set of three Brewer
sparrow and found an
incub set of three. Collected
set of three robin.

July 9

July 10

Spent the morning hunting the Vesper's nests but without success. Took three birds the males were very active but a female was not. Van arrived at 11.30 spent afternoon skinning and found yellow warbler building and Calliope Hummer with one egg this may be a deserted nest. Identified empidonax nest with 2 eggs (in the willows) as Trail.

July 10

Went to Wetmore's Sub after Sage grouse. Saw five in all.

July 10

between the river
and the tubs. You
shot three birds as they
all rose at his end of
the drive. Birds are
extremely large and
slow at rising from
the ground all birds
seen were males
3 in one flock 2 in
other. Birds flush at
about 20 ft yds. Found
sage thrasher nest (see data)
Saw N. Sage sparrow. In
the meadows found
Wilson Phalarope with eggs
in the grass. Males only
were seen the birds would
fly over them at a distance

July 10

July 11

would settle by the young
 three males seen. Nevada
 Red Wings taken at
 meadows. Skinned
 Sage Grouse remainder
 of the afternoon.

11) Went up to the
 lakes for the day
 very little bird life
 present. Nothing doing
 at the goldeneye nest.
 Took set of Purple Finch
 and Wright Flycatcher
 (see data). Found a heavily incubated
 beautifully marked set
 of Spotted Sandpiper but left
 them. Went after Leucostethus
 but saw none. The Cassin
 Finches have nearly all

July 11 July 12

stopped singing. Heather
and other flowers
beginning to bloom. Set
of White Cr. Sparrow on
the ground found the day
we left. The lakes was
hatching. I had set
of Traill Flycatcher.
Purple finches quiet
probably have eggs and
young now

12 Went to the
Whitmore tubs and big
meadows. Found a set
of four sag thrasher captured
an young bird of the same.
Dragged for savannah
sparrow but most had
young altho "can"

July 12

shot one with egg in it.
Heard the clacking of
the yellow rail in the
deep ^{wooded} grass but could
not pluck it. Not sounds
like castro. Flushed
Virginia or lora. Many
horned larks and young.
Flushed a family of
sage grouse in sq
about 3 young, were
probably more. old
bird checked first with
a chucking note. The
female is only $\frac{2}{3}$ the
size of [♂] and the young
were $\frac{1}{2}$ her size. "Uah"
shot two young.

July 13

Went to Hot Creek late
in the morning. The
creek cuts thro' a lava
range. In the bottom
are many hot springs
a small geyser 8 ft high
(that flows very constantly)
and a rainbow pool.
Many beautiful deposits
of minerals are present.
The water is principally
sulfurated. A large
hot spring in the river
heats the water below.
Many rock wrens
barn swallows cliff
swallows nesting in the
cañon. Say phoebe? etc.
Nevada Redwing

5

July 13 - 14

in tubs along stream.
The country above is a
lava upthrust with
a few scattered junipers
ground covered with
the Artemisia. In this
country saw Prairie
Falcon, Red Billed Magpie
Piñon Jay. Between the
hills and the ^{own} river
is good grouse country.
Desert Sparrows
present in the hills.
Collected here a set of
three Gunn's tail Lark
(see later) went to ^{Play ground}
^{camp} for supper.

July 14

went fishing in the
morning. afternoon

July 14 - 15

went thru nearby meadow for sparrows for "Van". Flushed a M. Quail that had a flock of young. Flushed a Fox Sparrow which appeared to have a nest will return and locate definitely if possible tomorrow.

July 15 Went early to Whitmore's after grouse hunted thru all types of country and found grouse everywhere. Saw young, hens, males, about 20-25 birds in all. On coming to ~~set~~ ^{double} flock of young the

July 15

the two hens advanced
towards us to meet
us. Got a set of Sage
Thrasher. ~~Afternoon~~ Saw
first woodchucks in
sage near a meadow
at Whitmore's. Afternoon
skinned grouse; went
to investigate fox
sparrow location.
discovered yesterday but
no birds present. Went
tanager sight and
obtained a set of incub
eggs. ^{with difficulty} The nest was very
poor and evidently
contained eggs when
found on July 7.

July 16 - 17

Went butterflying
in the morning.

Went up through the
trail to twin lakes a
short distance. The country
is very beautiful, meadows
and Red fir forests.

Found a Rewes nest
and took it. Also
took the set of Calliope
that had been seen
building near camp
(see data)

July 17 1923 Took
a trip to the Kinglet
nest in Red's Meadow.
Saw very little bird
life but did discover
that the small birds

on this west slope
 respond to the Squaw
 Owl note as they do
 not do on the Eastern
 side. Kinglet nest
 collected with set of

5 fresh eggs complete.
 Bird shot was thru
 laying. This male
 had a few red feathers
 in the crown but the
 specimen was too
 much shattered to
 preserve. There is
 more bird life on
 the west slope altho
 not much anywhere
 went fishing in the
 late afternoon.

10
18

Took another trip to
Whitmore tub region.
Saw five male grouse
in a draw going
down to the river. shot
one male bird. The
male night hawk could not
be flushed as was
hoped! from the nest
that the female was
shot July 16. Went down
to an alkali marsh
below, pair of avocet
with young. No more
phalarope seen. Savannah
sparrows here are
bleached by the alkali.
Found and took set of
three sage thrasher

5
18 - 19

and found several birds still building.

Visited a colony of cliff swallows on the ~~east~~ cliffs on the way back and found them still building.

Saw another swainson hawk down the valley. The swainson near camp is seen nearly every day. Baldwin arrived in the afternoon

July 19

Went out in the morning to collect a few specimens. Later went to hot creek. Saw nothing of particular

interest. The Calvarias
Warbler is still singing
around camp also
Pine Siskins and Evening
Grosbeaks in camp. Found
a Kinglet's nest in the
tree over camp the
young are ready to
leave the nest. They
sound very much
like a flock of waxwings
and the individual
note sounds like a
Golden Crown Kinglet or
a Creeper. Saw the
flock of ⁱⁿ Parula again in
the same locality as
before.

July - 20

Went to the sawmill and earthquake fault. The fault was undoubtedly made by an earthquake

It is a very deep narrow gash in the bed rock. Went on up thru the woods, (principally yellow pine fir, Larch higher up) to the summit or divide at about 9500 on a pine into road thru the pines (easy grade. old mines keeps the road up. The forest at the pass is rather barren

of life among large
 snow banks. Wonderful
 panoramic view of
 the mineral Belt
 ridge and San Joaquin
 river. Saw the Humboldt
 glacier. Found a nest
 of young Audubon Warblers
 ready to leave the
 nest. Nest 12 ft up
 2 ft from the trunk
 on a $\frac{1}{4}$ inch in a
 Hemlock tree 8" diam.
 The ~~main~~ ~~idea~~ ~~is~~ ~~to~~ ~~have~~
 an outlet from the
 mineral railway which
 is to put up the river
 valley below for Sugar
 Pine iron and silver.

20

21

ore. Mines located
in the pass at the
base of Mammoth
Peak. Snow banks all
about. Many lagages
in the forests below.
Young birds left the
nest.

21 Spent the whole
day bleeding and
making new camp
at same place (South
side on a new road
on this side. Found
a Bluebird's nest with
young in a tree near
the water with the
18 ft of

July 22.

Went to the Crest
above the lakes after
Leucosticte ascended ridge
to 11000 ft but saw
only 2 birds feeding
on a snow bank on
the crest. One bird, male
shot by "Van". On return
went along the base
of the granite cliffs
at the west end
here in the cliffs
rockslide, grass slope
country found a large
flock of birds feeding
principally males. The
flock stayed fairly near
the cliffs by a crevice.
Several birds collected

14
22-23-

some breeding recently
others obviously past
breeding. Evidently this
is simply a good feeding
ground near the nesting
cliffs the nests are
evidently scattered along
the cliffs as birds fly
back and forth. It
is very possible that
some females are
still sitting and the
males feeding them
occasionally. At 4800

23. Went up to the
east of George's butte
to the rock ledges and
cliff. Very fine places
a many birds seen

23 - 24

13

although more scattered
2 families of nearly
full grown young
found 9 birds collected
by "van" including 5
juv. The birds were
heard to sing ~~was~~
The song was a simple
repetition of a Canon War
Call note accompanied
by a strut (spreading
and dragging the wings)
Country much the
same being however
higher and wilder more
rocky country elev. 10500
Weather cloudy

24 Weather cloudy went
to the same country

24

as yesterday and worked east instead of west.

Birds acted much different today and would not come close to a whistle or shot but seemed continually flying.

Some birds were evidently travelling from a low feeding ground to young in the cliffs.

It was found in the last two days that the birds must have rockslides preferably granite.

On a high granite cliff 300ft high half way up

21 - 2's
 heard young birds and
 saw old bird feed. Nest
 in a deep crack. Old bird
 flew directly to and
 from the nest very
 swiftly. Evidently the
 bird was feeding far
 below, that is, over
 11000 ft. Birds fly
 much like a bluebird
 and have several
 bluebird like notes. They
 appear at a distance very
 black because of the
 rich chocolate brown of
 the breast. They seem
 to be very strong flyers.
 July 25 went to what
 end of crest again

fewer birds seen apparently feeding and then flying to the cliffs mostly males seen. Shot one female that flew from a low crack. She was evidently sitting on second set of nearly fresh eggs. Male flew in to the near vicinity and on shooting the female flew out will reinvestigate later. Found a nest of three young siskins. Nest in a Labrador 8" in diam. Nest 20 ft up in top of limb very much like a Cassin 7 inches nest. Birds came to feed and then sat on

young. The behavior of the parents was almost identically to that of goldfinches, even to corresponding notes. Nest in fairly open woods chiefly larch.

Saw young stark crows (molting) to first fall. Young creepers near camp.

"Wan" Collected an adult sandpiper in the isolated meadow at the south inlet. This bird was raising the young (collected) and no other bird was found at any time during the various ^{trips} to the meadow; was a male.

24

at

26

Went to the San Joaquin R.
and Rainbow Falls for
reported black swifts.
Many families of both
kinglets, creepers and
Cassin's 4 inches seen.

Collected a male sandpiper
taking care of just hatched
young (one egg unhatched)
No other sandpiper in
the vicinity at any time.

While sitting at
Soda Springs Meadow
watching Sandpipers three
Pine Grosbeaks were
discovered in the trees
overhead (male and
2 full grown young
just coming into flight)

fall plumage - All
~~three~~ birds collected.

They were giving a
 note something like
 a Cassin Flycatcher note
 but larger somewhat
 resembling a young Bl.
 headed gnatcatcher call.

It was not definitely
 whether all three or just
 the young were giving
 this note. The birds
 were tame and in
 every acted and sounded
 as they have in Tenaya

Country meadow with
 clumps of Yarrow and
 shr. 2000 ft. - At rainbow
 falls no swifts were

26 - 27⁵

seen but it is a very likely place (wet grass grown cliffs near the falls).

27 Went out to collect a few birds to skin during the morning. Afternoon went to twin lakes. Very interesting country lakes shallow with many meadows large cascade coming into upper lake. Many Audubon warblers and Kinglets with young. at south inlet of upper found a set of 4 juncos (hatched 28) also found a *Reversus* nest (will

27 - 28

investigate later. Heard
first Horned Owl hoot
about 10^{PM} o'clock across
on the N. W. side of
Lake Mary

28.

Went SE up the
Mammoth Valley. Many
young Cassin Finch
and Horned Thrush
just out of the nest.
Country broken with
rock outcrop meadows
woods. good Crossbill
and Pine Grosbeak
Country. Several
small lakes and many
ponds and good looking
trout streams.

28

Sheep have been run over part of the land. Valley rises slowly but the streams have many cascades (with ouzel) saw a leucosticte down among the timber on a small snow bank on a ~~quartz~~ rock.

Saw a hawk "goshawk" went to the head of the valley which is inclosed by cliffs (iron ore) with a pass of solid rock slide between which is literally infested with families of leucosticte. Birds in poorer plumage than

28 - ~~29~~³⁰ 12

earlier. There must be thousands of birds in this rock slide pass. It is easy of access and because of the number of birds a fine nesting site would make the best place for collecting nests.

30 Went up Mammokh Creek again, with the family. Holmes fished in the morning catching 13 large ones and I caught 5 in the afternoon. Shot musshets for Nan in the morning. Birds still tame and the weather cloudy and

30

-

30

~~32~~

12 Aug

still as it was yesterday. Bird do a great deal of fly catching.

30 went up Mammoth Creek with Van. Caught

" large fish. Holmes and Van went on up to the leucostictes, but found them wild.

Weather clear and windy and the birds were not flycatching.

Saw several leucostictes near the creek in the timber. Saw a fine

any male Goshawk.
1 ~~X~~ Went to the San Joaquin R. for

July 29⁵

~~the~~
Aug 1 32

Aug 2

Pine Grosbeaks but saw
none. Shot a Slender-bill
Nuthatch which seems
to show some characters
of the White Mt. form.
Birds very quiet on
the whole. It was
again noted that on
this side of the divide
the birds respond to
the pygmy Owl note.

29 Collected a few skins
in the morning. Bellows
left for Bishop in the
afternoon. Went around
lake gorge for snow
Aug. 2. Spent the day
in camp packing and
walked to twin lakes

2-3

in the morning.

Aug 3. left at 10 A.M.
for Mono Lake. Passed
thru more or less
rolling country covered
with yellow pine forest.
The trees on the ridges
had been badly blown
(recently snow). Mono
lake country very
desolate appearing
but there seem to be
some birds of interest
here. The gulls are
thru nesting and so
will not make a
trip to the islands.
There are thousand of
birds on the lake

3-4

and they must nest very commonly on the islands.

Aug 4 Went to the top of La near by grade to hunt sage hen but found them very wild altho 1 $\frac{1}{2}$ were seen. They inhabit here the aspen senegus and the sage near by. Many Sage Thrashers seen. Afternoon went around shore of lake found where a colony of violet green swallows had nested in an lava outcrop. Saw several Magpies dead

4 - 5 - 6

got two. There is a small marsh here which is rather interesting. Nev. Savannah Sparrow, Woodcock Song Sparrow, north Wren, Young Virginia Rail, young violet green swallow, Wilson Phalarope (winter plumage) and young also northern Phalarope and spotted sandpiper, dead gull (eared?) found.

Aug 5) Skinned birds all morning afternoon went to the meadow
Aug 6 went on old road around the lake

6

very dry and lifeless.
Tall sage brush with
sage sparrows and
Desert sparrow. Piñon
trees covering the hills.
The lake is in a very
large basin and if full
to the old shore lines
would be immense.

The water in the lake
contains many
minerals, it hurts
some when swimming
but has a great cleansing
power. The lake is
infested with a small
animal about $\frac{1}{2}$ " long
called locally shrimps.
All the birds on the

6-7

lake must feed on them
if there is no fish
of any kind.

My N. B. boat came at 9.30
and started for Windsor,
fought by some bush
bills. Saw several Kingbirds
and some other birds
and some other birds
went to the water
at intervals as they
passed with
five or six birds, some
after me and some into
the water. The water was
covered by a layer of
small ~~fish~~ ~~fish~~ ~~fish~~.

7-8

Country very marshy and meadowy.
Saw few snipe, Spriggs
phalarope, mud hens in
sloughs. Camped between
Minden and Carson City
in a sage flat 5 or 6
miles from Carson City
July 2.

Aug. 8 went into
Carson City and saw
the fossil tracks in
the state prison
yard. Tracks of a mammal
found still in brown and
red in sedimentary
rock. Specimens perfectly
preserved. The mud with
the tracks in it

having been solidified.
 Tracks exposed after
 digging away many
 layers of sandstone
 deposited on top. Noon
 went thru mountains
 15 mi. to Brockway
 on Lake. Wonderful
 views of Passon and
 Lake Valley. ~~Stor~~
 Beautiful trip around
 Lake to Bijou where
 we camped with
 the Vans again. Many
 D. Night Hawk here.
 Forest and Black Tern
 seen also Cassin Vireo.
 Birds on the whole
 rather quiet. Noted

8 - 9

a Cal. hay on the
grades between Carson
and Lake on the Carson
side of the mts in Nev.
on a summer brush
hillside elev. about 8000 ft.

Aug 9 "Van" reports
that Phillips ^{is} not good
for camping. Decided
to leave "Yans" and
start north. Country
around W side of lake
very pretty. Dense
timber but more people
near Yans.

Travelled down Truckee
River to Truckee (Very
pretty Valley but only see
camp place. Went up

9

to Donner lake and
Camped. Donner country
rather pretty but does
not look extra good
for collecting. Saw the
first Crested Jay at Donner
at our camp on the
East end of the lake.

In the heavy timber
near Donner found
a family of young
goshawks. They would
come close to ~~with~~
when called or without
call. They gave the
cry and cackle of all
goshawks and Coopers
similar to those in
Yosemite. Three young

9-00

shot 2 males one female (much larger).

No other young were seen. Redwing, Kinglet, and Cassin P. Finch, seen. Family of spotted Sandpiper full grown on the lake in the evening.

Aug 10 I went out in morning and heard a Goshawk call but by the wariness and off the bird and the low pitch of the note we suggest it is a sparrow Fox Sparrows Olive S-t Flycatcher, Wrights Flycatcher, slender

10

hill and Red Cr. Mt. peaks
seen. Left about noon
for Truckee. Left Truckee
2.30 for the Feather
river region. Country
heavily forested or else
lumbered ~~else~~. around
5-6 thousand rolling
country. Passed thru
Sierra Valley which
is very large and
with many meadows
and marshes, on the
crest of the mts.
Continued on ~~up~~
into Mohawk Cr.
a branch of Feather River
and camped at about
5000 ft among yellow

10 - 11

Sugar Pine Douglas
and Silver Fir and S.
Cedar forest. Summer
trees very dense and
undisturbed by fire or
logging. Many mutholites
(not pygmy) Ardepers
seen. Dilapidated workings
but no birds seen or
heard. Fox sparrow
and Mountain Quail
Present. Weather warmer
than last two nights.
Heard a horned Owl!

Aug 11 Broke camp and
started for Feather River.
Turned back from Feather
River to Sierra City.
Camped at Gold Lake

11 - 12,

on the way elev.
6400. Fir, Spruce
and yellow Pine timber.
Aug 12 Heard a Pine
Siskin over camp
and had succeeded
in collecting it in a
near by meadow.
The bird was in poor
plumage but had
considerable red with
a few feathers on the
rump almost yellow.
Located an Archa
tree toed wood pecker
drumming. The drum
was unusually loud
and slow for a bird
of its size. What it

and wounded it but
 it flew and could
 not locate it. Tomorrow
 went to south side of
 the lake and found
 some 7 small lakes
 in the timber with
 meadows but no
 aspens. Ideal places
 for King, Goshawk, Crossbill
 and Blue bird etc etc
 but none were seen.
 The birds are much
 more in evidence
 in the early morning
 while practically nothing
 is seen later. Saw
 a Blue Jay and
 Crow on one of the

12 - 13

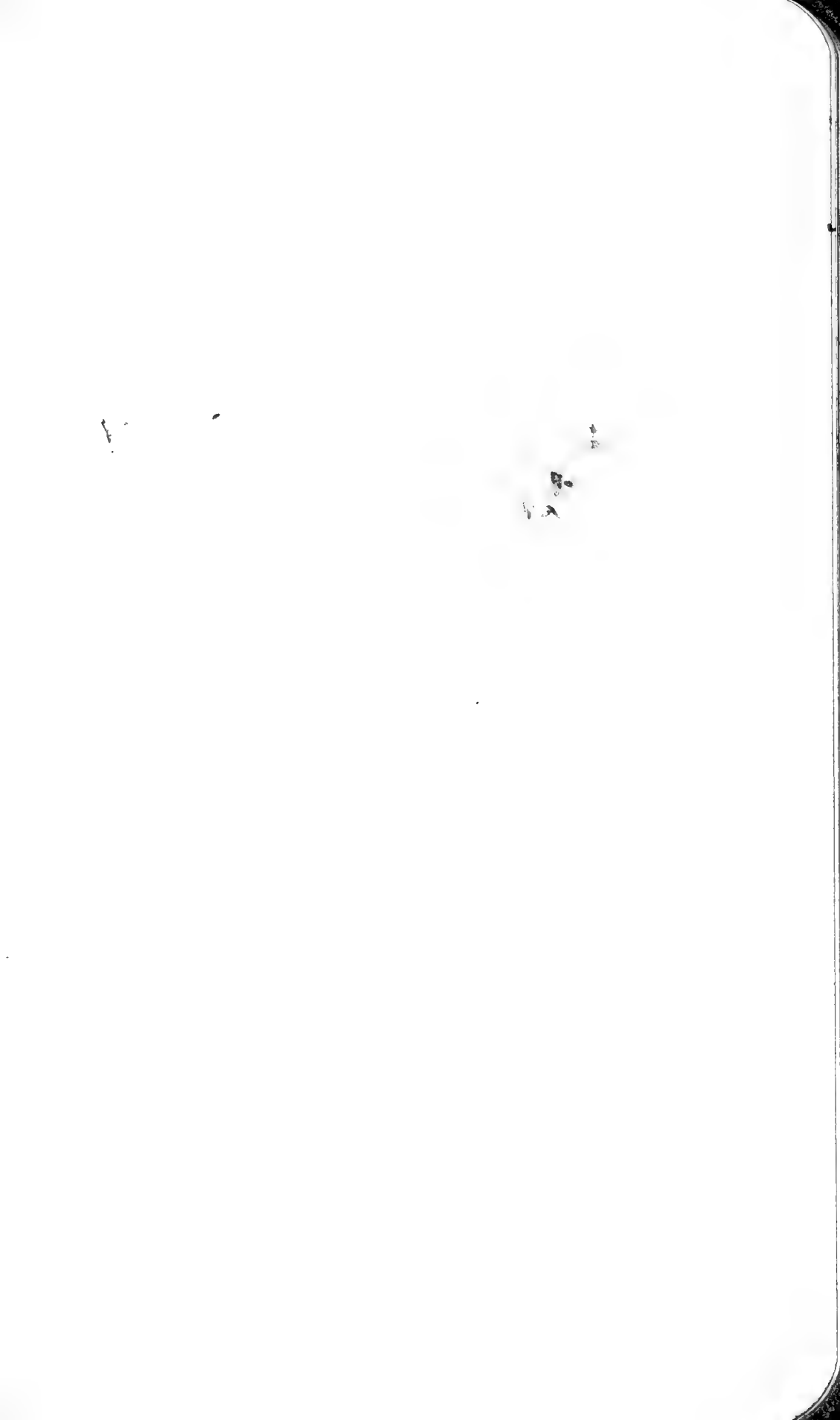
grassy lakes in the
thickets. Many evening
Grosbeaks seen and
heard. No Goshawks
but nevertheless fine
country for them. This
lake and meadow
country must be fine
but wet in June.

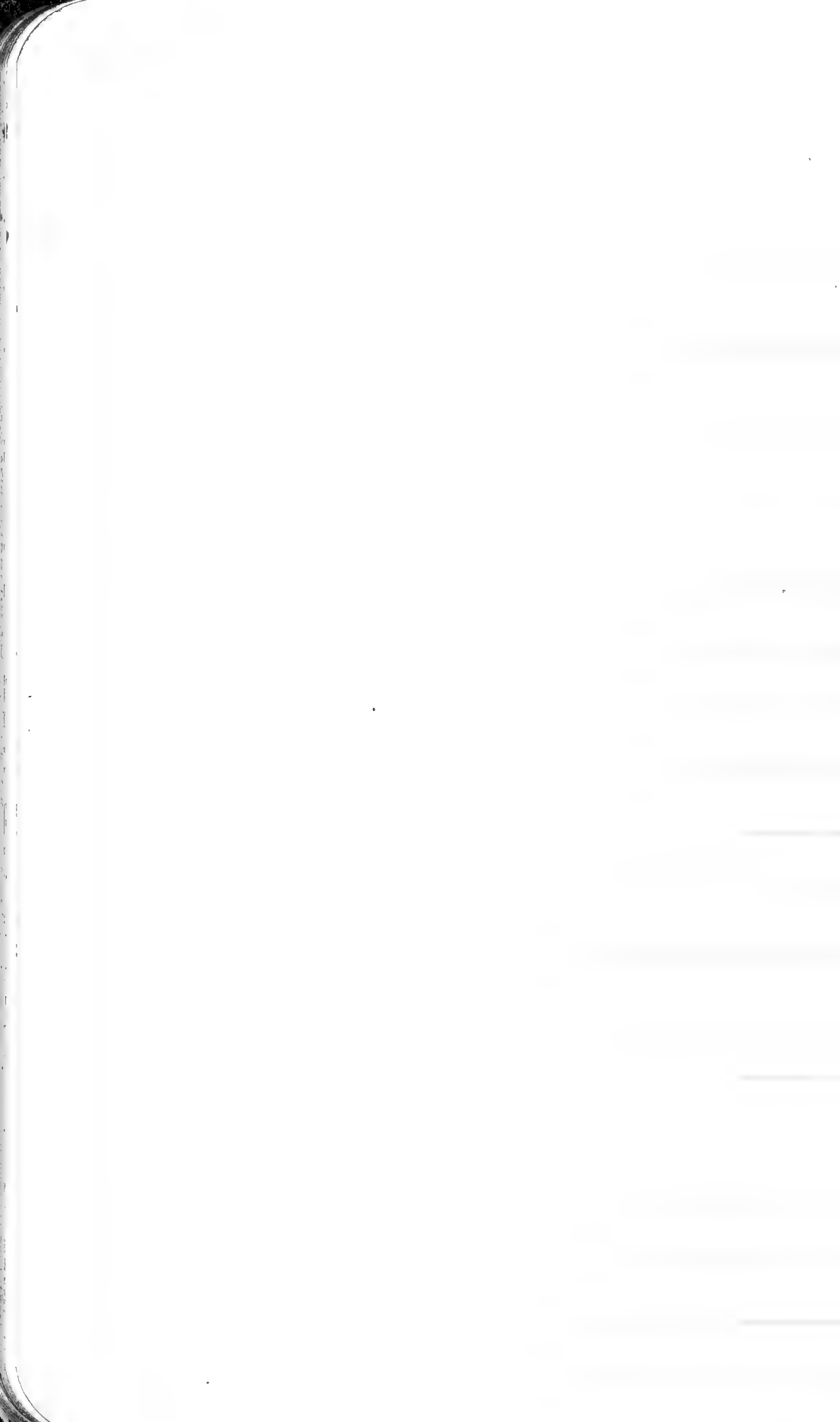
Aug 13 Rained in the
night. Birds out in
the morning but
nothing unusual.
Broke camp before
noon and went on
towards Sierra City.
Passed down the North
fork of the Yuba River
(a very thickly wooded

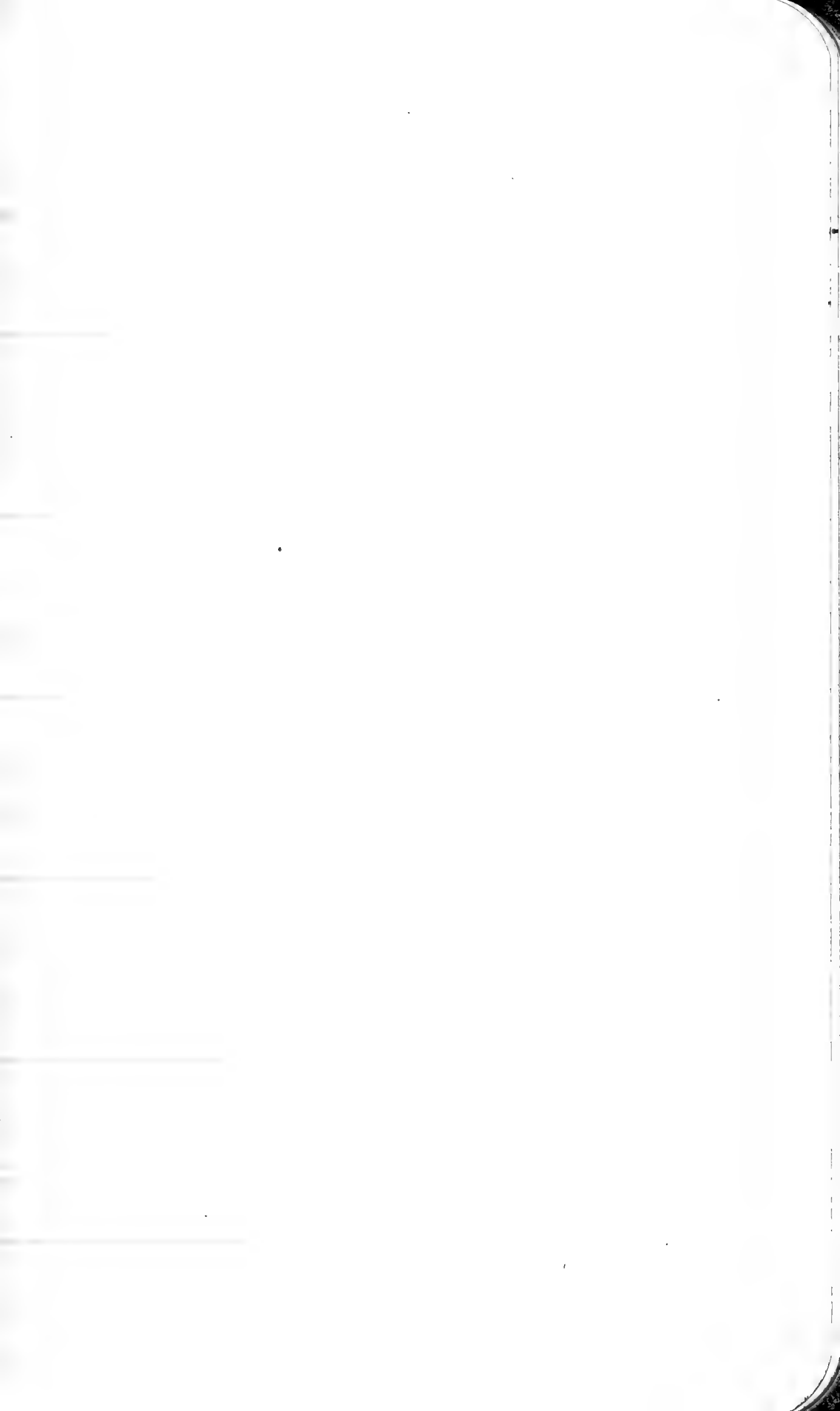
narrow and beautiful
 cañon. Crossed the
 other two forks of the
 Yuba to Auburn
 Camped 20 mi east
 of Sacramento at
 Roseville. Heard and
 saw Pacific Nighthawks
 plentifully and abundantly
 at Roseville near the
 foothills. Heard Cal.
 Purple Finch singing
 in the mountain
 cañons at 3. and 4. thousand
 ft. elev. The foothill
 country around Grass
 Valley is very beautiful
 and would be very
 beautiful and interesting

13 - 14

in the spring as
would. Gold Lake also.
Many oak and maple
lined canyons in the
foothills.







Vicinity of Mammoth

Breeding birds of Interest

1	Yellow Rail	O	July 1- ^{or earlier}
1	Wilson Phalarope	y ⁵⁰	June 20+
1	Spotted Sandpiper	C ^{ng}	July 1
1	Mountain Quail	y ⁰	June 15+
1	Sage Grouse	y ⁰	Apr-May
1	Canyon Waprr.	y ^I	June 1-
1	Williamson Sapsucker	y ⁰	May 20
1	Sierra R. B. Sapsucker	y ⁰	May 20
1	Calliope Hummer	C ^T	July 1
	Olive-sided Flycatcher	O	—
1	Wright's Flycatcher	ET	July 10
1	Seiwell Flycatcher	ET	July 10
1	Wood Pewee	ET	July 1+
1	Clark Thrasher	y ⁰	Apr.
2	R. Billed Magpie	O	June July
	Hutton Jay	O	—
1	Spurred Red-Wing	y ⁰	June 25-
1-2	Leucosticte	y ^I	June 25+
2	Cassin P. Finch	ET	July 1-

Vicinity of Mammoth	
Breeding	birds of Interest (bird heard seen)
Whitmore Subs	Found by Dawson
" "	4 pair seen
Lake Mary	4 pair seen
Mammoth	1 " "
Whitmore Subs	5 broods
Lake Mary	few pairs
Mammoth Lakes	common
Mammoth	fairly common
Mammoth up	fairly common
Will Creek	1 pair
Mammoth and Lakes	common
Mammoth	fairly common
" and Lakes	common
Mammoth Lakes	fairly common
Hot Creek	few pair
Casa Diablo Region	
Mammoth	common
Mammoth Crest	fairly common
Mammoth Lakes	common

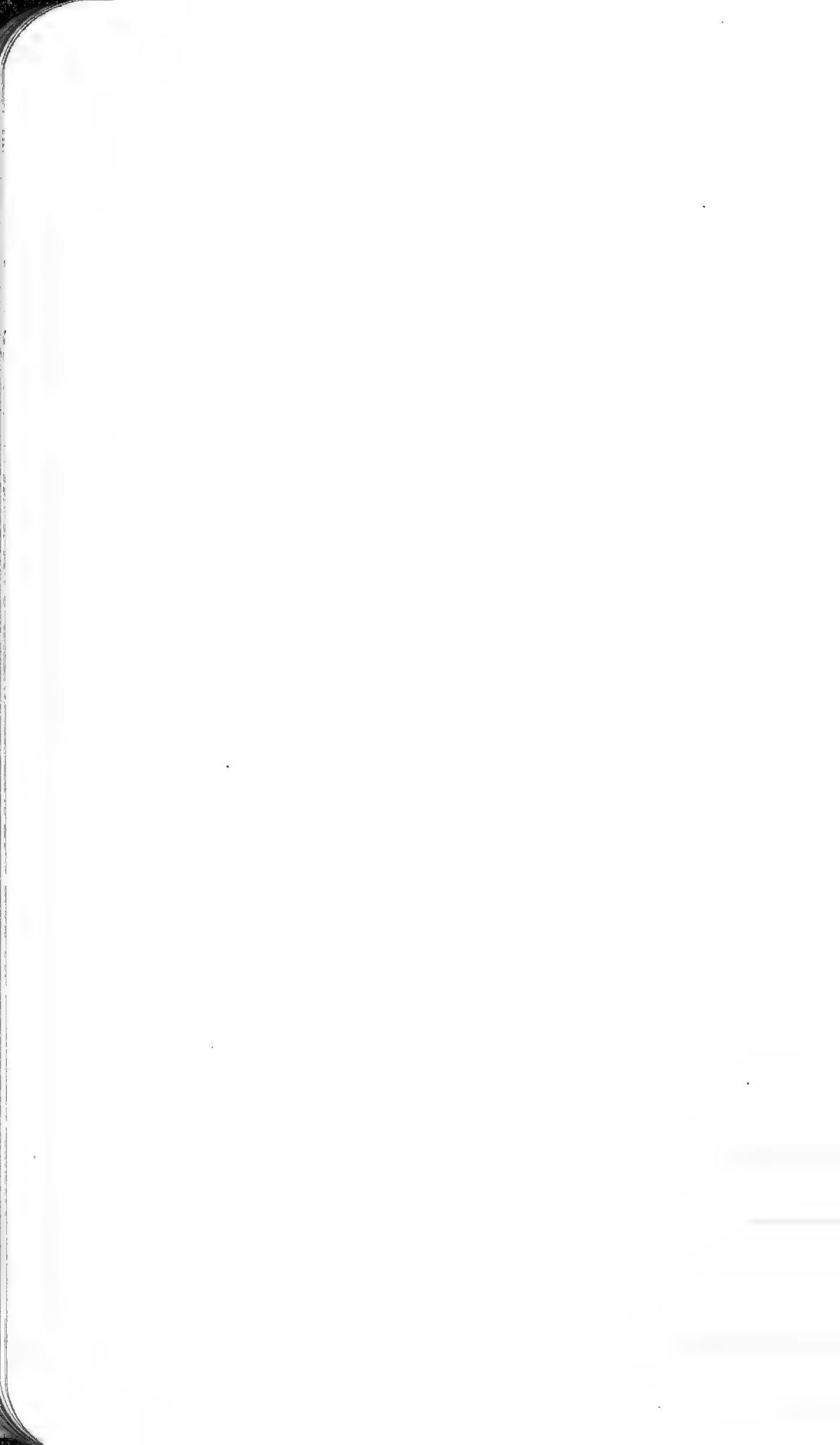
42	Pine Siskin	y ¹³	July	1 +
7.2	Savannah sparrow	E ^T	July	1 - +
2	Brewer Sparrow	E ^T	July	1 +
1-2	White Cr. Sparrow	E ^T	July	1 +
1	Vesper Sparrow	y ³	June	
2	Sage Sparrows	60	July	1 +
1	Lincoln Sparrow	y ¹	June	25 +
1	Fox Sparrow	y ⁰	June	20
2	Gr. Y. Towhee	E ^T	July	1 +
1	Western Tanager	E ^T	July	1 +
1	Cliff Swallow	E	July	
1-2	Barn Swallow	y ¹	July	1 -
1	Yellow Warbler	E ^T	July	
1	Cyclonur Warbler	y ¹	July	
1	Peteolatus Warbler	E ^T	July	
2	Sage Thrasher	E ^T	July	
-	Rock Wren	y ⁰	July	
1	Slender bill Nuthatch	y	June	20
1	Pygmy Nuthatch	y		

Mammoth Lakes	Common
Whitmore Lakes	Common
Mammoth	Common
Mammoth Lakes	"
Mammoth	"
Whitmore	few pair
Mary Lake	few pair
Mammoth	Common

Mammoth and Lakes	fairly Common
Whitmore Lakes	Common
Hot Creek	few pair
Mammoth Creek	Common
Mammoth Lakes (Twin Lakes)	Common
Mammoth Lakes	fairly "
Whitmore Lakes, Mammoth	Common
Hot Creek	Common
Mammoth Lake, San Joaquin R.	few pair
Saw Mill	few pair

1	M. Chickadee	Y'	June 15
1	S. Creeper	Y ^o	June 25
1	Golden R. Kinglet	Y ^o	July 1 -
1	Ruby R. Kinglet	E ^T	July 1 -
1	Cliff back Thrush	breeding birds	
1	Townsend solitaire	nest found	
1	Hermit Thrush	E ^T	July 1
1	M. Bluebird	Y'	July 1
2	W. Robin	E ^T	July
1	Pacific Nighthawk	breeding birds	July 15
2	Th. Junco	E ^T	July
2	Water Angel	Y'	June 15

Mammoth Pass	Common
Mammoth Lakes	few pairs
^{Reds meadows} Mammoth Pass Trail	few pairs
Every where	very common
Mammoth	fairly common
Mammoth Lakes	very few pairs
Every where	common
Mammoth Lakes	several pairs
Every where	common
one pair seen at Whitmore	
Every where	common
Twin Lakes, San Joaquin R.	fairly common







Birds

Empidonax Wright ^{breeding}
Mammoth _{0x}
July 6 / 23



Nests Located

OK Junco July 4 3 eggs

Return July 6 Fri

Taken July 6 4 eggs

OK C. Purple Finch July 4 building

Return July 11 - Wed.

Taken July 11 4 eggs

~~3~~ Solitaire July 4 ^{first} found

Investigate July 10-11 Fri. Wed

Nothing doing

~~4~~ C. Purple Finch July 4 ^{probably} building

Investigate July 10-11 Fri. Wed

had young ^{July 11}

OK Flycatcher July 5 1 egg

Return to investigate July 17-18 ^{wed}

OK R. C. Kinglet July 5 ^{building}

Return July 15 or 16

Taken July 14 ^{Sun. or Mon} comp 5 fresh







17 Trail Flycatcher

July 11, 1923

Mammoth Mous Co. Calif.

Set unmarked 3

Sub. fresh

Nest in creek alder
bush $4\frac{1}{2}$ ft up over
water. Nest made of
bark with streamer of
bark below.

18 Sage Thrasher

July 12, 1923

Man whitmore trees Mous
Co Calif.

Set unmarked 4

Sub advanced

Nest in Nevada sage
bush $\frac{1}{2}$ up inside of
bark of same. See data for
set 14

19 Green-tailed Towhee

July 13 1923

Unmarked 3

Hot Creek Mono Co Calif.

Sub. ♀ slight

Nest of grass no hair
lining. $3\frac{1}{2}$ inches diam.

placed in Nevada

sage 15" up. Bird flew

from nest and did

not run along the

ground as was noted
in set 11.

20 Yellow Warbler

July 15 1923

unmarked 4

Mammoth Mono Co Calif.

Sub. fresh coup

Nest of aspen and

willow bark 1 1/4" inside diam
2 1/2" deep, compact, lined
with a few feathers in
small short willow thicket
in a thick clump of
leaves near a 1/2" branch
nest. 3 ft from the
marshy ground.

21 Edge Thrasher

July 15 1923

unmarked 3 set of 3

Vicinity of Whitnors

Subs Mono Co. Calif.

Sub fresh

not identical with
those of set 14, 19

22 Western Tanager

July 15 1923

unmarked 3 in nest

Mammoth Mono Co Calif
2nd For 6 day incub
that very fluffy made
of twigs and rootlets
could be seen thru
readily. Located 12ft
from the trunk of a
Sawyer Pine 15ft up.

Bird seen at nest on
the 7th thought to be
building, next day
no difference and
practically gave up the
nest but found the
bird sitting on 15th. There
was evidently 1 or 2 eggs
on the 7th and 8th

23. Western Wood Pewee
July 16th 1923

unmarked 3 in set

Vicinity Mammoth Mono
Co Calif.

Incub 7 days

Nest made fibre pine
bark a few feathers covered
with cobwebs compact
2" diam $2\frac{1}{2}$ high placed
upright on a bare ^{horizontal} ~~aspen~~
limb to small branch
near the nest. 15 ft up.

Bird sitting. (Not on a
dead limb or tree).

24 Calliope Hummingbird

July 16 1923

unmarked set of 2

Vicinity of Mammoth

Mono Co Calif.

Incub fresh

Typical nest under a
limb of a tamarack tree
on a $\frac{1}{2}$ branch 8 ft from
the tree trunk. 30 ft from
the ground tree 20 in diam.
Bird building after one
egg was laid. Nest made
with bark cobwebs
cotton. Bird tore up
and old nest for
material.

25 Ruby Crowned Kinglet
July 17 1923
Unmarked comp set of 5
Local. Red's Meadow
^{middle} north fork of the San
Yoaquin River Madra Co
Vicinity of Mammoth Lakes
Mono Co Calif. Near Divis

Post Pile National Monument
Nest fresh
Nest in a red fir
15 ft up 12 ft from the
thump in dead top of
a fir limb. Nest taken
Made of bark fibres, moss, feathers
septa, spiderwebs, spider ^{hair etc} egg covers
Bird incubating shot
female finished laying.
Nest somewhat finished 5" deep
cup nearly 2" deep top rim
almost closing over opening
diam outside at top 3". Walls
 $\frac{3}{8}$ " + thick.

26. Sage Thrasher

July 18, 1923

~~unmarked~~ marked $\frac{4}{3}$

Local. ^{Whitmore Lake,} ~~Massachusetts~~ Mono. Co. Calif.

Incub. fresh

Nest typical see
sites 14, 18, 21

27 Barn Swallow

~~July~~ Aug 4, 1923

Incub. very slightly

unmarked four

Local Mow Lake Catf.

Nest in a cave on
the rock surface.

Nest made of mud
as shrobes but well
lined with feathers.

Another nest found
near by with 4

heavily incub eggs.

Birds sitting

12. Brewer Sparrow

July 8, 1923:

unmarked. Corp three
Local. Mammath Mono Co
Calif.

Incub very slight
Nest in Nevada ~~sage~~ ^{small shrub} ~~sage~~ ^{not} sage

15" up made of twigs lined
with roots not hair.

13. Western Robin

July 8, 1923

unmarked Corp three

Local Mammath Mono Co. Calif

Incub very slight

Nest in open & it is
typical made of twigs of
very large size.

14 Sage Thrasher

July 10, 1923

Set unmarked three

Local. Whitmore Tubs
Mono Co Calif.

Tub fresh

Nest in small Nevada
sage bush made of
sage bark about the size
of a mockers nest lined
with bark entirely. Nest
about ~~the~~ 10" from the
ground. Bird flushed at
about 6 ft. Birds
came back close but
gave no note. ^{male} ^{shot by way}

15 Cassin Purple Finch

July 16, 1923

Set unmarked 4

female Taken
Local Lake Mary Inlet
Mammoth Lakes Mono Co Calif
Nest very slight perch
~~set~~ Nest very flimsy of
a few sticks lined with
rootlets fairly well cupped
about $2\frac{1}{2}$ " across inside
not very visible from
below. Located in Lodgepole
35 ft up on limb not
horizontal, 6 ft from the trunk
Tree 5 ft tall. (see notes on
locating journal July 4)

Bird flushed when very
close in the tree. ^{nest taken} ~~photoed~~ by Van

16 Wrights Flycatcher

July 11, 1923

Unmarked then

Local Horseshoe Lake

Mammoth Lake Mono Co Calif.

Inc slight

Nest in small bent over
lodpole hanging partially
nest covered over with
cobwebs to bind it. Located
about $\frac{1}{2}$ ft up in dense
pine timber. Bird and nest taken.

Nest made of grasses
principally some dark
few feathers and what
was apparently some
wasps nest. Nest had a
streamer as is customary
with empidonax.

8. Thrasher Junco

July 6, 1923

Unmarked 4 in set

Local. Lake Mary inlet
Mammoth Lakes, Mammoth,
Mono Co. Calif.

Sub. fresh

Nest on ground in
meadow grass under small
dwarf willow. Nest typical
lined with hair. Rim of
the nest flush with the
ground. Bird perched from
tree egg July 4

9. Sierra Hermit Thrush

July 6, 1923

Marked $\frac{1}{7}$ three in set. Comp.

Local. $\frac{1}{4}$ mi from Mammoth
Mono Co Calif.

Inc. commenced

Nest in aspen tree in a
grove made of sticks
lined with fine roots ^{5ft up}

Bird stayed near the
nest and clucked a great
deal.

10 Wrights Flycatcher

July 6, 1923

Unmarked 4

Local $\frac{1}{4}$ mi from Mammoth
Mono Co Calif.

Inc slight

Nest in aspen shoot $1\frac{1}{2}$ up
made of aspen bark a few
feathers and hair in lining.

Bird collected nest collected

One egg fresh and very
thin shelled. Two of the

eggs have faint spots.

11. Green-tail Towhee

July 7 14 23

unmarked Couplet 2

Local: Mammoth Mtn Co.

Sub. heavy ^{one more} than other

Nest in Nevada sage

on flats, about 6" above

ground made of sticks

lined with hair. diam

inside 4". Bird flushed

by running along the

ground appearing as a

chipmunk. This is the

typical flush of this Towhee

Another nest with 2 young

unable to fly found.

Data

1. *Thraupis Savannah Sparrow*
July 2 1923
unmarked 6

Local. Owens river
meadows near Witmore

Tube

Incub $\frac{1}{2}$ (second sets for ^{season})
Incub Fresh and slight

Nest in meadow, very
wet. Grass short ground
wet. Nest in tuft of
dry grass nest built
among grass. Nest made
of grasses. Bird flushed
at $1\frac{1}{2}$ ft and broken
^{not taken} wings. Birds did not come
very near. Many other ^{have} nests

2 *White-crowned Sparrows*
July 2 1923
unmarked 4

Local. Lake Mary Mammoth
Lakes Mammoth Calif.

Incub. ~~fresh~~ advanced.

Nest as found in
Twigs in small tamaracks
Many scattered pairs.
Birds sit very close,
and are rather quiet
around nest, with
eggs unlit flushed.
One nest of young
found.

3 White Crowned Sparrow

July 2 1923

marked $\frac{B}{4}$

Local. Outlet Mary's Lake Mammoth

Incub. fresh

Nest 5 ft up in tamarack
thicket. See note for set 4

4. White Cr. Sparrow

July 4 1923

marked $\frac{C}{4}$

Local. Lake Mary inlet
Mammoth Lakes, Mammoth
Calif.

Incb. fresh

Nest in hemlock $2\frac{1}{2}$ ft up
see notes on set 2 ^{nest} taken

5. G. Picolated Warbler

July 4 1923

unmarked five

Local. Lake Mary inlet
Mammoth Lakes, Mammoth
Mono Co. Calif. ^{in set}

Incb 2 fresh 3 slight
2 fresh eggs buried partly
in lining.

Nest made of twigs leaves

leaf mold set flush in
bank overhung by stebs and
small willows! Bird flushed
at $1\frac{1}{2}$ ft distance after
one had passed. Nest
taken

6. Si. Hermit Thrush

July 4, 1923

unmarked &

Local. Lake Mary Juliet, Mammoth
Lakes Mammoth, Mono, Calif.

Sub heavy

Nest of stebs lined with
fine twigs in tamarack
7 ft up tree 15 ft tall. Nest
in plain site bird sitting.

Bird did not appear after
leaving. Male singing at a
distance of 100 yds.

4

Time, Spotted Sandpiper

July 4 1923

Marked 1

Local Lake Mary Inlet
Mammoth Lakes, Mammoth, Mono
Co Calif.

Inch - fresh

Egg taken from oviduct
of bird in above locality
Egg thinshelled and not
fully spotted. Shot
penetrated egg.

6000

2

4.00

3

4.00

4

4.00

230

5

6

10.00

7.

8.

3.00

9.

7.50

6.00

10.

~~7.00~~

11.

2.00

12

3.00

30

13

~~.50~~

14

3.00

4.00

15

4.50

16.

~~5.25~~

17.

.75

18.

4.00

19.

3.00

.60

20

~~1.00~~

21.

3.00

3.75

22

~~5.25~~

.90

23

~~.75~~

40.00

24

6.00

25

~~23.00~~

← 26.

3.00

4027

187.00

50

15

12

5.85

100

100

1	O.K.	Nevada Savannah Sparrow	$\frac{2}{6}$
2	O.K.	White Crowned Sparrow	$\frac{2}{4}$
3	O.K.	White Crowned Sparrow	$\frac{13}{2}$
4	O.K.	White Crowned Sparrow	$\frac{4}{4}$
5	O.K.	Golden Pileolated Warbler	$\frac{4}{4}$
6	O.K.	Sierra Hermit Thrush	$\frac{4}{5}$
7	O.K.	Spotted Sandpiper in inc.	$\frac{4}{4}$
8	O.K.	Thurber Junco	$\frac{6}{4}$
9	O.K.	Sierra Hermit Thrush	$\frac{6}{3}$
10	O.K.	Wright's Flycatcher	$\frac{6}{3}$
11	O.K.	Green-tail Towhee	$\frac{4}{7}$
12	O.K.	Brewer Sparrow	$\frac{2}{2}$
13	O.K.	Western Robin	$\frac{8}{3}$
14	O.K.	Sage Thrasher	$\frac{8}{3}$
15	O.K.	Cassin Purple Finch	$\frac{10}{3}$
16	O.K.	Wright's Flycatcher	$\frac{4}{11}$
17	O.K.	Trail Flycatcher	$\frac{11}{3}$
18	O.K.	Sage Thrasher	$\frac{12}{3}$
19	O.K.	Green Tail Towhee	$\frac{4}{13}$
20	O.K.	Cal. Yellow Warbler	$\frac{13}{15}$
21	O.K.	Sage Thrasher	$\frac{7}{4}$
22	O.K.	Western Tanager	$\frac{15}{3}$
23	O.K.	W. Wood Pewee	$\frac{16}{3}$
24	O.K.	Calliope Hummingbird	$\frac{3}{16}$
25	O.K.	Ruby Cr. Kinglet	$\frac{17}{1}$
26	O.K.	Sage Thrasher	$\frac{18}{3}$

✓27 OK Barn Swallow

aug 4
4

